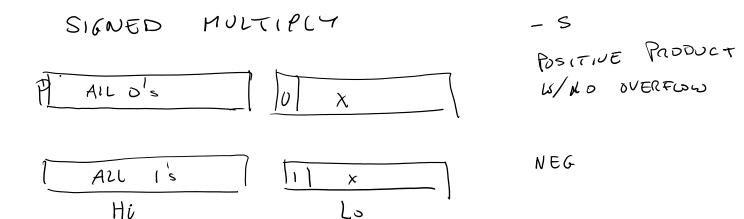
## Lecture 7 - MIPS Assembly Language Exercise

Tuesday, February 11, 2020

11:20 AM

Objectives: - Learn how control structures are implemented in MIPS assembly language - Practice going from pseudocode to MIPS assemble Language



addi \$ SP, \$SP, -16

- d) ao = larray la \$ap, array
- e) t8= Mem (aβ) lω \$t8, O(\$aβ)
- 1) Mem (ap+16) = 32768

  addiv \$40, \$2500, 32768

  su\$40, 16(\$00)
  - g) if (to< Ø) Then t7=0-toelse t7=to;

    logez \$tø,

    sub \$t7,\$zee,\$tø

    b done

    nop

ELSE:

add \$ + +7, \$ ZEW, \$ +p

DONE: